

What is claimed is:

1 1. In an electronic camera that includes an optical system for forming an image of an object, and  
2 an electronic image pick-up device for capturing image information by arranging multiple  
3 detecting elements on an image pick-up surface, the improvement of:

4 having said image pick-up surface be non-planar and correspond in shape to the curvature  
5 of field of said optical system.

1 2. The electronic camera described in Claim 1, wherein said image pick-up surface has a radius  
2 of curvature which satisfies the following condition:

3  $|R| < 20 f$

4 where

5 R is the radius of curvature of the image pick-up surface, and

f is the focal length of the optical system.